

Vince & Ron

Vande Yacht Pump Installing, Inc.

Licensed Installers
P.O. Box 110
Greenleaf, WI 54126

Telephone: 920-499-4527
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3 Generations of Experience

April 11, 2014

Department of Natural Resources
Bureau of Drinking Water & Groundwater
P.O. Box 7921
Madison, WI 53707-7921

Subject: High Capacity Well Property
Sunset Farms Inc. 67-3-0014
Washington County

RECEIVED-DNR
APR 17 2014
DRINKING WATER & GW

Dear Plan Reviewer:

Enclosed please find a high capacity well application (w/attachments) and check for \$500. The application requests approval to construct two high capacity potable wells as part of an expansion of an existing dairy operation. The property is currently a high capacity well property. The following provides a brief summary of the project.

- A review of the existing DNR high capacity well records revealed several errors and needed additions. These are noted on pages 3a and 3b and associated memo.
- One 200 gpm well is needed for the current expansion and a second 200 gpm well may be needed in the future.
- The well casing pipe for the proposed wells will terminate below the Maquoketa shale, and thereby be isolated from most of the neighboring private wells and surface water resources.
- Wells controls will be located in a pump house near the wells, but the wells will be outside.
- September 26, 2008 QW461 was issued a variance for the setback to an animal shelter.

Thank you for your review of this application. If you have any questions about this project, then please feel free to contact Mark Putra at mark.putra@gmail.com or 920-988-6548.

Sincerely,

Vince Vande Yacht

Vince Van de Yacht
Licensed Pump Installer

Attach. Application Form 3300-256
Application Fee Check \$500 #12588
Exhibits

State of Wisconsin
Department of Natural Resources
Private Water Systems Section - DG/2
dnr.wi.gov

High Capacity, School or Wastewater Treatment Plant Well Approval Application

Form 3300-256 (R 7/05)

Page 1 of 6

DRINKING WATER & GW

Notice: Prior department approval is required for the construction, reconstruction or operation of a high capacity well or system of high capacity wells, a school well or a wastewater treatment plant well in accordance with Section NR 812.09(4)(a), Wisconsin Administrative Code. Personally identifiable information collected on this form, including such data as your name, address and phone number, will be used for management of department programs and is unlikely to be used for other purposes. This information will be addressable under Wisconsin's Open Records Laws, ss. 19.32 - 19.39, Wis. Stats.

Use this form to request an approval for installation of a well or wells on a high capacity property, seek approval to make other changes to a high capacity property or to modify a well on a high capacity property, as required by NR 812.09(4)(a), Wisconsin Administrative Code. Refer to definitions of high capacity well, high capacity property and high capacity well system on page 5.

This form is not intended to be used when seeking approval for construction or modification of wells serving water systems regulated under ch. NR 811, Wis. Adm. Code. Any water system serving 7 or more homes, 10 or more mobile homes, 10 or more apartments, 10 or more condominiums, or 10 or more duplexes is regulated under ch. NR 811, Wis. Adm. Code. See NR 811.01, Wis. Adm. Code for applicability requirements.

Applicant Information

Application Prepared By (Name and Title) VINCE VANDE YACHT		Company VANDE YACHT PUMP INSTALLING INC	
Street Address P.O. Box 110		City GREENLEAF	State ZIP Code WI 54126
Telephone Number 920-655-1368	Fax Number	E-Mail Address VVANDEYACHT@NEW.RR.COM	

Property Ownership Information

Property owner, if different than applicant (Name of Person and Title) PAUL WOLF		Company SUNSET FARMS INC	
Street Address 6600 SUNSET DRIVE		City ALLENTON	State ZIP Code WI 53002
Telephone Number 262-629-1702	Fax Number	E-Mail Address SUNSETDAIRY@YAHOO.COM	

Well Operator Information

Well operator if different than owner (Name of Person and Title)		Company	
Street Address		City	State ZIP Code
Telephone Number	Fax Number	E-Mail Address	

Property Information

Enter the High Capacity Well File Number below if the property is already a high capacity property. If the property is not designated as a high capacity property at the time of application, enter "NONE." NOTE: Find the file number in upper right hand corner of the most recent high capacity well approval, or use the compact disk of departmental well data that is issued to drillers and pump installers. On the compact disk, see "File location" in red print in "Location" section. File number format is as follows: (1 or 2 digits for county) - (1 digit for well classification) - (1 to 4 digits for assigned property no.).

County WASHINGTON	Town ADDISON	High Capacity Well File No. 67-3-0014
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Submittal Purpose

Check all that apply:

- ☒ Install one or more new wells with a capacity greater than 70 gallons per minute.
- ☐ Install one or more new wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Replace one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Replace one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☐ Reconstruct one or more wells with a capacity greater than 70 gallons per minute.
- ☐ Reconstruct one or more wells with a capacity less than 70 gallons per minute on a high capacity property.
- ☒ Increase pumping rate in one or more wells to a rate greater than previously approved.
- ☐ Request continued operation of high capacity wells after a change in ownership. (No application fee required.)
- ☐ Renew a previous approval that has expired.
- ☐ Well (or wells) will serve a school or wastewater treatment plant. See definitions on page 5.
- ☐ Other, explain _____

Site Status Information

Determine the site status using the internet or the compact disk of departmental well data that is issued to drillers and pump installers and the information supplied by the property owner. Internet address is dnr.wi.gov/org/water/dwg/dws.htm. Enter YES or NO for each of the following questions.

YES NO

- ☐ ☒ Has the property boundary changed since the most recent high capacity well approval was issued? If the property is not yet a high capacity property, check NO.
- ☐ ☒ Has there been a change in well ownership since the last approval was written?
If YES, name of current owner: _____ Date of purchase: _____
-
- ☐ ☒ Has there been a change in well operator since the last approval was written?
If YES, name of current operator: _____ Date of change: _____
-
- ☐ ☒ Will a proposed well be connected to a plumbing system that is supplied by other sources (other wells, municipal supply, etc.)? If YES, include a schematic drawing showing backflow protection.
- ☐ ☒ Is a proposed well within 1,200 feet of a landfill? Determine if there are any landfills nearby, using the well information compact disk FIND feature. Enter the township, range and section of the well location. If the well is near a section line, also check the adjacent section or sections.
If YES, list the landfill site ID Number: _____ OR Landfill location: (Township/Range/Section) _____
-
- ☐ ☒ Is a proposed well on a property that has a contaminated site? If YES, list the BRRTS (Bureau for Remediation and Redevelopment Tracking System) Number here and specify if the site is open or closed:
_____ ☐ Open ☒ Closed
- ☐ ☒ Is a proposed well on a property that has a groundwater use restriction recorded on the deed? If YES, list the BRRTS number, as assigned to the contaminated site by the DNR remediation and redevelopment program: _____
-
- ☐ ☒ Is a proposed well on a property that is listed on the department's registry of closed remediation sites for a groundwater use restriction? See compact disk or internet at maps.dnr.state.wi.us/imf/dnrimf.jsp?site=brrts. If YES, list the BRRTS Number here: _____
-
- ☐ ☒ Is a proposed well to be used for a public water supply system that serves 25 or more people? See definition of a "public water system" in the definitions section on page 5.
- ☒ ☐ Is a proposed well to be installed within a special casing area? Refer to the list of special casing areas that is published by the department and/or contact the regional DNR office. DUAL AQUIFER
- ☐ ☒ Has the number of wells or pumping capacity in an existing well increased since the most recent high capacity well approval was issued? SEE COVER LETTER
- ☐ ☒ Has the number of wells decreased since the most recent high capacity well approval? If the property is not yet a high capacity property, check NO.
- ☐ ☒ Is a non-pressurized storage vessel (i.e. reservoir) other than a pond proposed or in use?
- ☐ ☒ Will the well discharge directly to a storage pond?
- ☐ ☒ Is a pressurized tank with a capacity greater than 1,000 gallons proposed or in use?
- ☐ ☒ Is a proposed well within 1,200 feet of a quarry?
- ☐ ☒ Is a proposed well located in a floodplain or floodway?
- ☐ ☒ Are any existing well installations on the high capacity property out of compliance with Chapter NR 812, Wisconsin Administrative Code?
- ☐ ☒ Will the well be used as a source of bottled water?
- ☐ ☒ Are you seeking a variance to construct a well that has a capacity of less than 70 gallons per minute to low capacity well construction standards?
- ☐ ☒ Is the property served by a community water system?

Explanation of Pages 3A and 3B and Corrections to DNR High Cap Records

Corrections

QW461 – DNR records indicate the well is approved @ 50 gpm and 25,000 gpd this is incorrect. Correct information is on page 3A.

IE882 – DNR records indicate the well is approved @ 20 gpm and 1000 gpd this is incorrect. Correct information is on page 3A.

WU876 – DNR records indicate the well is approved @40 gpm and 11,000 gpd. The 40 gpm is likely correct, however we are requesting the gpd be increased to 57,600.

MZ114 – DNR records indicate the well is approved for 30 gpm and 1000 gpd this is incorrect. This well and WU876 are reconstructions of the same 1961 well. So, this well needs to be removed from the high capacity well records.

Explanation of Additional Wells

IE882 is located in the backyard of the residence at 6560 Sunset, but 6560 and 6576 Sunset are served by a 1950s well located at 6576 Sunset. I was unable to locate a 1950s well construction report for this well.

6728 and 6700 Sunset residences not in the current high capacity well file. 6700 Sunset is on the farm property and 6728 Sunset is located adjacent 6700, but on a separate parcel owned by the Sunset Farms. The well that serves these two residences is located the east of the residences, near the location of farm buildings that have been removed. The well was covered up by snow at the time of the site visit.

Existing Well Information

Enter the following information on all existing wells on the property, if more than four wells, submit additional sheets:

Well Name Assigned by Well Owner (North Well, etc.):	6576 & 6560	QW461	IE882	WU876
Well Number Assigned by Owner (001, 002, etc.):	SUNSET DR			6519 & 6507 SUNSET
WI Unique Well Number or NA if no number:		QW461	IE882	WU876
Permanent DNR High Capacity Well Number or N/A if none:	NOT ASSIGNED	4233	4231	4234
Public Water System ID Number, if Public (if not public, NONE):				
Potable or Non-Potable Use:	POTABLE	POTABLE	POTABLE	POTABLE
Type of Well (Irrigation, Industrial, Residential, etc.):	RESIDENTIAL	FARM	FARM	RESIDENTIAL
Requested Average Water Usage per Day in Gallons:				1/2 FARM
Requested Maximum Water Usage per Day in Gallons:	2000	72,000	50,400	57,600
Seasonal? (April to October, Year Around, etc.):	YEAR ROUND	YEAR ROUND	YEAR ROUND	YEAR ROUND
Approved Pumping Capacity if Previously Approved (gpm):		50	20	40
Current Pump Type & Capacity (gpm):	SUB. 20	50	35	40
Proposed Pump Type & Capacity if Change Requested (gpm):		50	35	
Pump Discharge Type (Over Top of Casing Seal, Pitless, etc.):		PITLESS	PITLESS	PITLESS
Discharge Location (Building Pressure Tank, Pond, etc.):				
Height of Well Casing Above Ground in Inches:				
Potential Contaminant Sources and Distance:				
Well Loc: Quarter Quarter Section	NE 1/4 of SE 1/4	1/4 of 1/4	1/4 of 1/4	1/4 of 1/4
or Government Lot Number				
Section or French Long Lot No.	17			
Township:	T 11 N	T N	T N	T N
Range (Select E or W):	R 18 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W
Latitude (Degrees and Minutes)	43° 25.042'	43° 25.157'	43° 25.047'	43° 25.008'
Longitude (Degrees and Minutes)	88° 21.832'	88° 21.960'	88° 21.800'	88° 21.728'
GPS Map Datum (WGS84, WTM91, etc.)				

Include as much of the following information as practical for wells that do not have well construction records attached to the application, however if the well construction record is attached, applicant may leave the following rows blank.

Date of Construction:	UNKNOWN			
Drilled by (Name of Drilling Firm):	1950's			
Drilling Method(s) (Rotary, Percussion, Etc.)				
Well Depth in Feet:				
Upper Enlarged Drillhole Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet
Lower Drillhole Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet
Well Casing Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet
Well Casing Material and Wall Thickness:				
Annular Space Material Between Casing and Drillhole Wall:				
Is There a Well Screen (Y or N) If so, Screen Material?:				

Existing Well Information

Enter the following information on all existing wells on the property, if more than four wells, submit additional sheets:

Well Name Assigned by Well Owner (North Well, etc.):	6728 & 6700				
Well Number Assigned by Owner (001, 002, etc.):	SUNSET DRIVE				
WI Unique Well Number or NA if no number:					
Permanent DNR High Capacity Well Number or N/A if none:					
Public Water System ID Number, if Public (if not public, NONE):					
Potable or Non-Potable Use:	POTABLE				
Type of Well (Irrigation, Industrial, Residential, etc.):	RESIDENTIAL				
Requested Average Water Usage per Day in Gallons:					
Requested Maximum Water Usage per Day in Gallons:	2000				
Seasonal? (April to October, Year Around, etc.):	YEAR ROUND				
Approved Pumping Capacity if Previously Approved (gpm):					
Current Pump Type & Capacity (gpm):	ESTIMATED 20				
Proposed Pump Type & Capacity If Change Requested (gpm):					
Pump Discharge Type (Over Top of Casing Seal, Pitless, etc.):					
Discharge Location (Building Pressure Tank, Pond, etc.):					
Height of Well Casing Above Ground in Inches:					
Potential Contaminant Sources and Distance:					
Well Loc: Quarter Quarter Section	NW 1/4 of SE 1/4	1/4 of 1/4	1/4 of 1/4	1/4 of 1/4	1/4 of 1/4
or Government Lot Number					
Section or French Long Lot No.	17				
Township:	T 11 N	T N	T N	T N	T N
Range (Select E or W):	R 18 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W	R <input type="checkbox"/> E <input type="checkbox"/> W
Latitude (Degrees and Minutes)	° ' "	° ' "	° ' "	° ' "	° ' "
Longitude (Degrees and Minutes)	° ' "	° ' "	° ' "	° ' "	° ' "
GPS Map Datum (WGS84, WTM91, etc.)					
Include as much of the following information as practical for wells that do not have well construction records attached to the application, however if the well construction record is attached, applicant may leave the following rows blank.					
Date of Construction:					
Drilled by (Name of Drilling Firm):					
Drilling Method(s) (Rotary, Percussion, Etc.):					
Well Depth in Feet:					
Upper Enlarged Drillhole Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet	inches, feet
Lower Drillhole Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet	inches, feet
Well Casing Diameter in Inches and Depth in Feet:	inches, feet	inches, feet	inches, feet	inches, feet	inches, feet
Well Casing Material and Wall Thickness:					
Annular Space Material Between Casing and Drillhole Wall:					
Is There a Well Screen (Y or N) If so, Screen Material?:					

Proposed Well Information

Enter the following information on all proposed wells on the property, if more than two wells or alternate construction, submit additional sheets:

Well Name Assigned by Well Owner (North Well, etc.):	WEST WELL	EAST WELL
Well Number Assigned by Owner (001, 002, etc.):		
Well Loc: Quarter Quarter Section or French Long Lot Number	SW 1/4 of NE 1/4 of Section 17	SE 1/4 of NE 1/4 of Section 17
or Government Lot Number		
Township & Range (Select E or W)	T 11 N, R 18 <input checked="" type="checkbox"/> E <input type="checkbox"/> W	T 11 N, R 18 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
Latitude (Degrees and Minutes)	43 ° 25.273 '	43 ° 25.270 '
Longitude (Degrees and Minutes)	88 ° 21.938 '	88 ° 21.837 '
GPS Map Datum (WGS84, WTM91, etc.)		
Type of Well (Irrigation, Industrial, Residential, etc.):	Type: FARM <input checked="" type="checkbox"/> Potable <input type="checkbox"/> Non-Potable	Type: FARM <input checked="" type="checkbox"/> Potable <input type="checkbox"/> Non-Potable
Drilling Method(s) (Rotary, Percussion, Etc.):		

Anticipated Geological Materials and Depths that Are Expected During Drilling:

Material and Depth Interval:	CLAY & SAND from 0' to 180'	CLAY & SAND from 0' to 180'
Material and Depth Interval:	LIMESTONE from 180' to 240'	LIMESTONE from 180' to 240'
Material and Depth Interval:	SHALE from 240' to 440'	SHALE from 240' to 440'
Material and Depth Interval:	LIMESTONE from 440' to 650'	LIMESTONE from 440' to 650'
Material and Depth Interval:	SANDSTONE from 650' to 760'	SANDSTONE from 650' to 760'

Drillhole Diameter and Anticipated Depth Intervals:

Diameter and Depth Interval:	12" from 0' to 440'	12" from 0' to 440'
Diameter and Depth Interval:	8" from 440' to 760'	8" from 440' to 760'
Diameter and Depth Interval:	from ' to '	from ' to '

Permanent Casing or Liner Diameter and Wall Thickness at Anticipated Depth Intervals:

Diameter and Wall Thickness at Depth Interval:	8" diam/.322" thick 0' to 440'	8" diam/.322" thick 0' to 440'
Diameter and Wall Thickness at Depth Interval:	" diam/ " thick ' to '	" diam/ " thick ' to '

Permanent Casing or Liner Material, If Used:

Casing Joints (Welded, T and C, etc.):	WELDED	WELDED
Material and Weight at Depth Interval:	STEEL 28.55 lbs/foot 0' to 440'	STEEL 28.55 lbs/foot 0' to 440'
Material and Weight at Depth Interval:	/ lbs/foot ' to '	/ lbs/foot ' to '
Screen Material, Slot Size in Inches and Depth Interval or N/A if none:	/ " / ' to '	/ " / ' to '
Casing to Screen Joint (Welded, T and C, K Packer, etc.)		

Annular Space Material Including Filter Pack Material, If Used:

Material and Depth Interval:	CEMENT / 0' to 440'	CEMENT / 0' to 440'
Material and Depth Interval:	/ ' to '	/ ' to '

Proposed Average Water Usage Per Day in Gallons:	144,000	
Proposed Maximum Water Usage Per Day in Gallons:	288,000	288,000
Seasonal? (April to October, Year Around, etc.):	YEAR ROUND	YEAR ROUND
Proposed Pump Type & Capacity (gpm):	SUB. VFD 200	SUB. VFD 200
Discharge Type (Over Top of Casing Seal, Pitless Adapter or Unit):	PITLESS	PITLESS
Discharge Location (Building Pressure Tank, Pond, etc.):	Pump House Bld. Pres. TANK - WELLS ARE OUTSIDE	
Distance and Direction to Nearest Public Utility Well & Well Name:		
Distance to Other Potential Contaminant Sources:		
Distance to Other Potential Contaminant Sources:		
Leave Blank, for Department use only		

Required Attachments

- Attach one of the maps described in A. or B., below. Plot the existing and proposed well locations on the map. For wells that have a Wisconsin Unique Well Number or a Permanent High Capacity Well Number, plot the well locations with one of those numbers.
 - Copy of a plat map with the property boundary clearly shown. If the property is contiguous with properties owned by the same owner in another township, include a copy of that township map too, showing the property boundaries. If the property owner listed on the plat map is different from the current owner, list the date or dates, that the current property owner purchased the property on the map.
 - Map of the property prepared by a licensed land surveyor and the property description as described by the surveyor.
- Sketch map showing all of the following that are planned or exist within 300 feet of each proposed well: proposed well location; other wells; property boundary; wetlands; potential contaminant sources (septic tank and drainfield, petroleum storage tanks, sewer lines, etc.); buildings and north arrow. If no pertinent features to map within 300 feet of the proposed well, for example an irrigation well in the middle of a field, state that on the property map listed above and plot the well locations on that map.
- Any well construction records available for existing wells on the property. Do not attach any well construction records for wells that are not on the property. If a Wisconsin Unique Well Number has not been assigned, write a well name or site well number on the record that correlates to the well name or number plotted on the maps.
- For proposed wells with a capacity greater than 400 gallons per minute, include the performance curve or performance table that is provided by the pump manufacturer. If the pump will be a lineshaft turbine, provide a curve with the same rpm as the motor under full load and list the motor horsepower.
- If more than one well is connected to a common plumbing system, also provide a schematic drawing of the system showing method of preventing backflow. This sketch must include the well discharge (pitless, over top of casing sanitary seal); the water line from the well; pressure tanks; sampling faucets; check valves; backflow preventers; air gaps; manually operated valves; water meters; pressure switches for pumps; and any other pertinent fittings. This schematic drawing must also identify which of these components are buried or above ground. If there is more than one check valve within the well casing, include in-well check valves on the schematic.
- If reconstruction of an existing well is proposed, include a diagram of the current well construction and a diagram of the proposed construction.
- If the application is for a high capacity well or wells, a \$500.00 check payable to the Department of Natural Resources, unless the application is only for continued operation after a change of ownership.

Certification and Applicant Signatures

If the application requests a variance for a well within 1,200 feet of a landfill, a well on a property with a groundwater use restriction, or any other variance to NR 812, Wis. Adm. Code, the property owner must sign the application. If the well operator will install a well on property that he or she does not own, the property owner must also sign the application. Otherwise, an agent of the owner may sign the application.

Unsigned and incomplete applications will not be approved.

By signing this form, the person signing this application certifies that to the best of his or her knowledge, all existing well installations on the property comply with ch. NR 812, Wis. Adm. Code. The person also certifies that to the best of his or her knowledge, all information in the application is accurate and correct.

Name - Print <u>VINCE VANDE YACHT</u>		Check Box <input type="checkbox"/> Owner <input checked="" type="checkbox"/> Agent of the Owner	
Signature <u>Vince Vande Yacht</u>	Company <u>VANDE YACHT PUMP INSTALLING INC</u>	Date <u>04/15/14</u>	

Application submittal. Mail completed application and payment with all required attachments to DNR, Private Water Systems Section - DG/2, PO Box 7921, Madison WI 53707-7921.

Definitions from Wisconsin Administrative Codes

"High capacity well" means a well constructed on a high capacity property. [NR 812.07(51)]

"High capacity property" means one property on which a high capacity well system exists or is to be constructed. [NR 812.07(52)]

"High capacity well system" means one or more wells, drillholes or mine shafts used or to be used to withdraw water for any purpose on one property, if the total pumping or flowing capacity of all wells, drillholes or mine shafts on one property is 70 or more gallons per minute based on the pump curve at the lowest system pressure setting, or based on the flow rate. [NR 812.07(53)]

"Public water system" means a system for the provision to the public of piped water for human consumptions if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. A public water system is either a community water system or a non-community water system. Such system includes: (a) Any collection, treatment, storage, and distribution facilities under control of the operator of such system and used primarily in connection with such system, and (b) Any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system. [NR 812.07(80)]

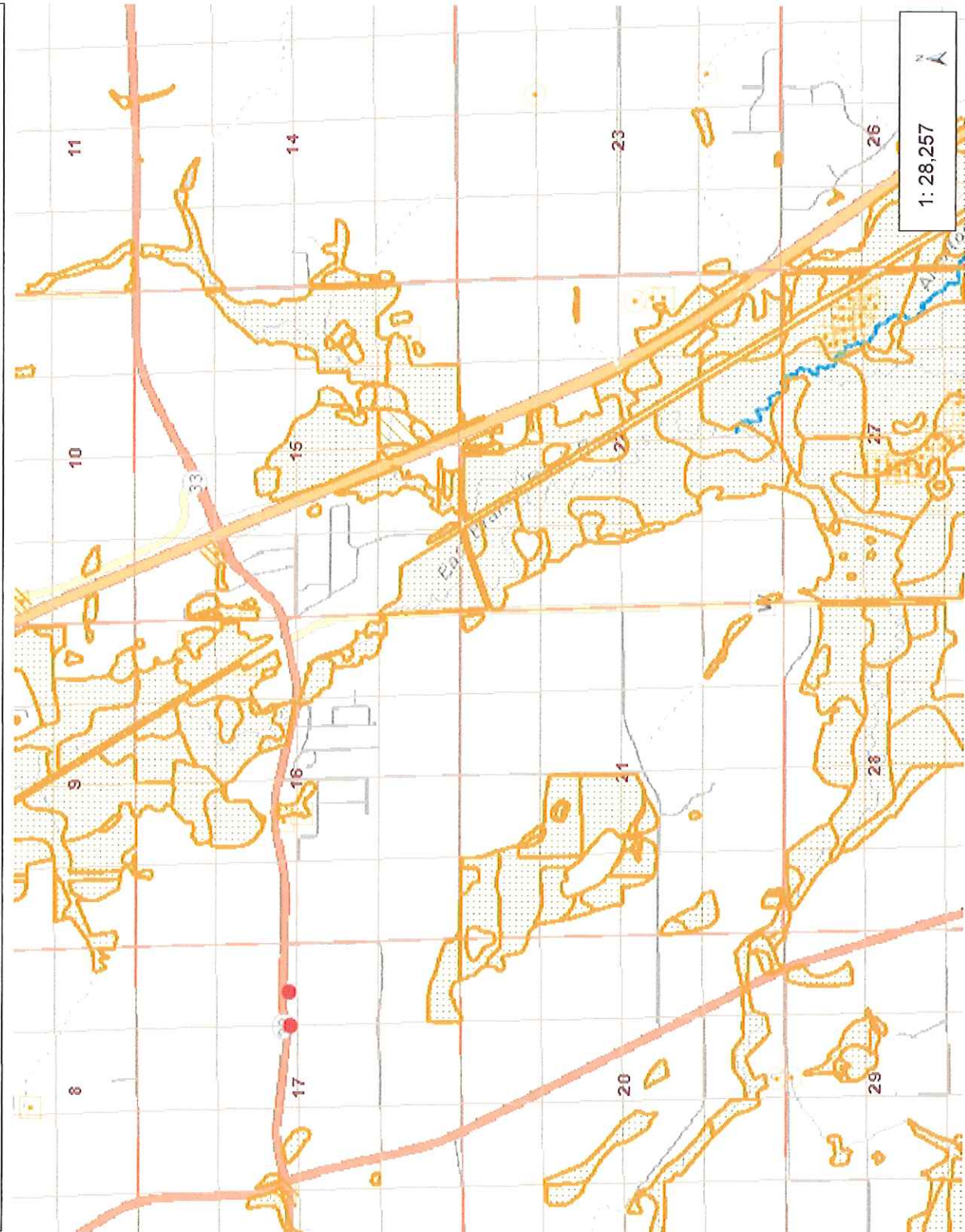
"School" means a public or private educational facility in which a program of educational instruction is provided to children in any grade or grades from kindergarten through the 12th grade. Water systems serving athletic fields, school forests, environmental centers, home-based schools, day-care centers and Sunday schools are not school water systems. [NR 812.07(94)]

"Wastewater treatment plant" means any facility provided for the treatment of sanitary or industrial wastewater or both. The following types of facilities are excluded: (a) Facilities defined as private sewage systems in s. 145.01(12), Stats. (b) Pretreatment facilities from which effluent is directed to a public sewer system for treatment. (c) Industrial wastewater treatment facilities which consist solely of a land disposal system. [NR 114.03(14)]

EX. L



Sunset Farms Inc



Legend

- Wetland Class Points**
 - Dammed pond
 - Excavated pond
 - Filled excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
- Filled Points**
- Wetland Class Areas**
 - Wetland
 - Upland
- Filled Areas**
- Trout Stream Lines**
 - Class 1
 - Class 2
 - Class 3
- Trout Spring Ponds**
 - Class 1
 - Class 2
 - Class 3
- Intermittent Streams**
- Section**
- Quarter-Quarter**
- Rivers and Streams**
- Open Water**

Notes

- Surface Water
- Trout Streams
- Wetlands

1: 28,257

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

0.9 Miles

0.45

0

0.9

NAD_1983_HARN_Wisconsin_TM
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